

18810-81351



PATENT

1632  
Takai  
3/18/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shlomo Melmed, et al.

Art Unit: 1632

Serial No.: 09/978,146

Examiner: Chen, Shin-Lin

Filed: October 15, 2001

For: PTTG KNOCKOUT RODENT AS A MODEL TO STUDY MECHANISMS FOR  
VARIOUS PHYSIOLOGICAL PHENOMENA, INCLUDING DIABETES

**RESPONSE TO OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, D. C. 20231

CERTIFICATE OF MAILING	
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D. C. 20231 ON <u>February 27, 2003</u> (DATE)	
BY	<u>Edward E. Reyes</u>
Edward E. Reyes	
2/27/03 (DATE OF SIGNATURE)	

Dear Sir/Madam:

This is in Response to the Office Action (restriction requirement) mailed January 29, 2003, for the above-captioned patent application. This response is submitted on or before February 28, 2003. In connection with the above-captioned application, the Examiner is respectfully requested to consider the following remarks.

**REMARKS**

**The Pending Claims:**

Claims 1-36 are pending in this application. Claims 1-27 are directed to a null mutant rodent comprising in its germ cells an artificially induced PTTG null mutation. Claim 28-30 are directed to a rodent whose germ line comprises an artificially induced PTTG null mutation. Claim 31-35 are directed to the use of the null mutant rodent of any of claims 1, 27-30 in the study of mammalian physiology at the cellular, tissue, and/or organismal level. And,

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